

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A computer system, comprising:
 - a first processor connected as a server;
 - a plurality of client processors connected to communicate with said first processor;
 - a filesystem stored on at least one ~~mountable~~ device and connected for access by said first processor and said plurality of client processors; and
 - a set of instructions configured to run on said computer system, wherein when a first portion of said filesystem is found to be corrupt, said first portion being on a first ~~mountable~~ device of said at least one ~~mountable~~ device, said set of instructions are connected to:
 - receive information regarding a location of said first portion and a perceived corruption,
 - in response to receipt of said information, isolate said first portion of said filesystem while leaving other portions of said filesystem available,
 - while said first portion of said filesystem is isolated, provide repair for said first portion of said filesystem; and
 - after repair of said first portion of said file system, remove the isolation of said first portion.
2. (Original) The computer system of Claim 1, wherein said set of instructions receives said information from a scout process that traverses the filesystem looking for corruption.
3. (Original) The computer system of Claim 1, wherein said set of instructions receives said information from a thread operating as part of an application program and said set of instructions further comprises restoring values recently changed by said thread and restarting said thread.
4. (Previously Presented) The computer system of Claim 1, wherein said set of instructions uses a lock to block said first portion of said filesystem.
5. (Currently Amended) A method of operating a computer system, comprising the steps of:
 - receiving information regarding a first portion of a filesystem stored on at least one ~~mountable~~ device and a detected corruption in said first portion of said filesystem, said first portion being on a first ~~mountable~~ device of said at least one ~~mountable~~ device;

in response to said receiving step, isolating said first portion of said filesystem while leaving other portions of said filesystem available,

while said first portion of said filesystem is isolated, providing for a repair of said first portion of said filesystem; and

after repair of said first portion of said file system, removing the isolation of said first portion.

6. (Original) The method of Claim 5, wherein said information is received from a scout process that traverses the filesystem to detect corruption.

7. (Original) The method of Claim 5, wherein said information is received from a thread running in an application program and further comprising the steps of:

placing said thread in a waiting state;

restoring values recently changed by said thread; and

restarting said thread after said repair is completed.

8. (Original) The method of Claim 5, wherein said placing step comprises releasing all exclusive holds on resources.

9. (Previously Presented) The method of Claim 5, wherein said blocking step uses a lock on said first portion of said file system.

10. (Currently Amended) A computer program product on a computer readable medium, said computer program product comprising:

first instructions for receive information regarding (a) a first portion of a filesystem stored on at least one mountable device, said first portion being on a first mountable device of said at least one mountable device, and (b) a detected corruption within said first portion of said filesystem;

second instructions for, in response to receipt of said information, isolating said first portion of said filesystem while leaving other portions of said filesystem available,

third instructions for providing repair for said filesystem while said first portion of said filesystem is isolated; and

fourth instructions for removing the isolation of said first portion after repair of said first portion of said file system.

11. (Original) The method of Claim 10, wherein said first instructions receive said information from a scout process that traverses the filesystem looking for corruption.

12. (Original) The method of Claim 10, wherein said first instructions receive said information from a thread run by an application program and said method further comprises fourth instructions for restoring values recently changed by said thread and fifth instructions for restarting said thread.

13. (Previously Presented) The method of Claim 10, wherein said second instructions use a lock on said first portion of said filesystem.